

REMARKS

The Examiner is thanked for the careful examination of the application.

The Applicant has amended claim 1 to help clarify the purpose of the present invention and to help the Examiner appreciate the numerous differences in structure and purpose between the present invention and the cited references.

First of all, claim 1 has been amended to add the following language at the end of the claim:

“Whereby, the remote user is provided with the dynamic
IP address which can be used to facilitate remote access of
the internet appliance.”

The Applicant believes that this addition to the claim will help reinforce that the present invention is very different from the Babbitt and McCann references.

The following paragraph 18 from the specification helps make clear what the present invention does:

“In operation, remote user PC 120 is able to remotely
interrogate security camera 102 despite a change of a

dynamic IP address for said modem 104 and security camera 102 or the like. Dynamic IP relay hardware 106 can be any hardware-based circuitry which monitors communication between modem 104 and internet 110 to determine a current dynamic IP address. Dynamic IP relay hardware 106 preferably comprises a printed circuit board or a portion thereof. Dynamic IP relay hardware 106 also preferably contains a configuration utility built therein which would permit a user to configure the dynamic IP relay hardware 106, using a separate device, such as a PC with a standard browser, to notify others about changes in the dynamic IP address. The dynamic IP relay hardware 106 could be configurable to provide notices in various ways, such as e-mail, pages, telephone calls, data transferred to a website, etc. Once the dynamic IP relay hardware 106 is configured, the configuration data is preferably stored in non-volatile memory therein, so that the dynamic IP relay hardware 106 needs no further attention until the user desires a change in the configuration."

This notion of providing access to an internet appliance from a remote location where the internet appliance is using a dynamic IP address is a key aspect of the present invention.

The Babbitt and McCann references do not teach several of the limitations of the claims:

Claim 1 includes the limitation of:

“said device being configured to report to a remote user,
via said internet connection, a dynamic IP address
associated with said internet connection;”

When this claim language is read carefully, and each and every limitation in the claim language is fully considered, it becomes clear that the Babbitt reference and the McCann reference do not teach:

“A device ...to report to a *remote user, via said internet connection, a dynamic IP address* associated with the internet connection.”

Reporting, via the internet connection, to remote users the dynamic IP address of an internet appliance is again key to the present invention.

The Babbitt and McCann references do not suggest even the desirability of such a device or performing the steps done by such a device.

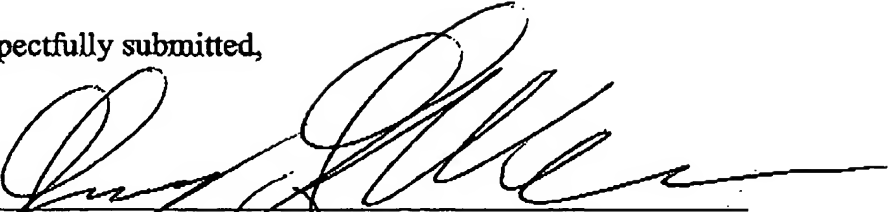
Babbitt and McCann are directed largely to ways to maximize network resources by efficiently using dynamic IP addresses. They favorably describe structures which create the problem that the present invention is directed at solving. These two references do not appear to believe that dynamic IP addresses create the problem solved by the present invention. They certainly do not suggest that a solution as described in the claims should be employed.

The Applicant believes that with the first independent claim being amended to highlight the purpose of the present invention, it should be more clear that the cited references, even if combined, do not teach the limitations found in all of the independent claims.

The Applicant respectfully requests the Examiner to carefully read the claims and consider the limitations relating to reporting, via the internet connection, to remote users the dynamic IP address of an internet appliance, and reconsider the rejection. Notification of allowance is now appropriate and the Examiner is requested to issue such notice.

Respectfully submitted,

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